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LOGINID:SSSPTA1204rxw

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * *   Welcome to STN International   * * * * * * * * * *

NEWS 1   Web Page for STN Seminar Schedule - N. America
NEWS 2   DEC 01   ChemPort single article sales feature unavailable
NEWS 3   JUN 01   CAS REGISTRY Source of Registration (SR) searching
                   enhanced on STN
NEWS 4   JUN 26   NUTRACEUT and PHARMAML no longer updated
NEWS 5   JUN 29   IMSCOPROFILE now reloaded monthly
NEWS 6   JUN 29   EPFULL adds Simultaneous Left and Right Truncation
                   (SLART) to AB, MCLM, and TI fields
NEWS 7   JUL 09   PATDPAFULL adds Simultaneous Left and Right
                   Truncation (SLART) to AB, CLM, MCLM, and TI fields
NEWS 8   JUL 14   USGENE enhances coverage of patent sequence location
                   (PSL) data
NEWS 9   JUL 27   CA/CAplus enhanced with new citing references
NEWS 10   JUL 16   GBFULL adds patent backfile data to 1855
NEWS 11   JUL 21   USGENE adds bibliographic and sequence information
NEWS 12   JUL 28   EPFULL adds first-page images and applicant-cited
                   references
NEWS 13   JUL 28   INPADOCDB and INPAFAMDB add Russian legal status data
NEWS 14   AUG 10   Time limit for inactive STN sessions doubles to 40
                   minutes
NEWS 15   AUG 18   COMPENDEX indexing changed for the Corporate Source
                   (CS) field
NEWS 16   AUG 24   ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 17   AUG 24   CA/CAplus enhanced with legal status information for
                   U.S. patents
NEWS 18   SEP 09   50 Millionth Unique Chemical Substance Recorded in
                   CAS REGISTRY
NEWS 19   SEP 11   WPIDS, WPINDEX, and WPIX now include Japanese FTERM
                   thesaurus

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
             AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

NEWS HOURS   STN Operating Hours Plus Help Desk Availability
NEWS LOGIN   Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that
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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:10:08 ON 18 SEP 2009

=> file reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                          ENTRY   SESSION
FULL ESTIMATED COST   0.22   0.22

FILE 'REGISTRY' ENTERED AT 11:10:14 ON 18 SEP 2009
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STRUCTURE FILE UPDATES: 16 SEP 2009 HIGHEST RN 1185221-67-3
DICTIONARY FILE UPDATES: 16 SEP 2009 HIGHEST RN 1185221-67-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 964 AND 1006 AND 1051

L1   SCREEN CREATED

=>
Uploading H:\STNEXP4\QUERIES\10590603a.str

Me —[CH₂]₀₋₂₀ —[CH₂]₀₋₂₀ —[CH₂]₃₋₂₀ ... CH—CH—O ... G₁ G₁ ... 24—22—20—8 ... 9 10 ... 2 3 ... 6 1 ... 5 4 ... 11 12

Me —[CH₂]₀₋₂₀ —[CH₂]₀₋₂₀ —[CH₂]₅₋₂₀ ... O ... G₁ ... 25—23—21—7 ... G₁
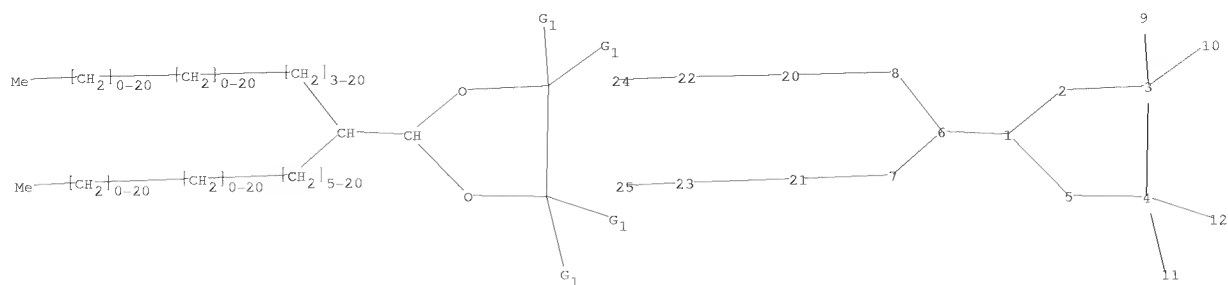
```
chain nodes :
6  7  8  9  10  11  12  20  21  22  23  24  25
ring nodes :
1  2  3  4  5
chain bonds :
1-6  3-9  3-10  4-11  4-12  6-7  6-8  7-21  8-20  20-22  21-23  22-24  23-25
ring bonds :
1-2  1-5  2-3  3-4  4-5
exact/norm bonds :
3-9  3-10  4-11  4-12
exact bonds :
1-2  1-5  1-6  2-3  3-4  4-5  6-7  6-8  7-21  8-20  20-22  21-23  22-24  23-25
isolated ring systems :
containing 1 :


G1:H,Ak

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:CLASS  7:CLASS  8:CLASS  9:CLASS
10:CLASS  11:CLASS  12:CLASS  20:CLASS  21:CLASS  22:CLASS  23:CLASS  24:CLASS
25:CLASS
```

```
L2        STRUCTURE UPLOADED

=> que L2 AND L1

L3    QUE L2 AND L1

=> d
L3 HAS NO ANSWERS
L1                SCR 964 AND 1006 AND 1051
L2                STR
```
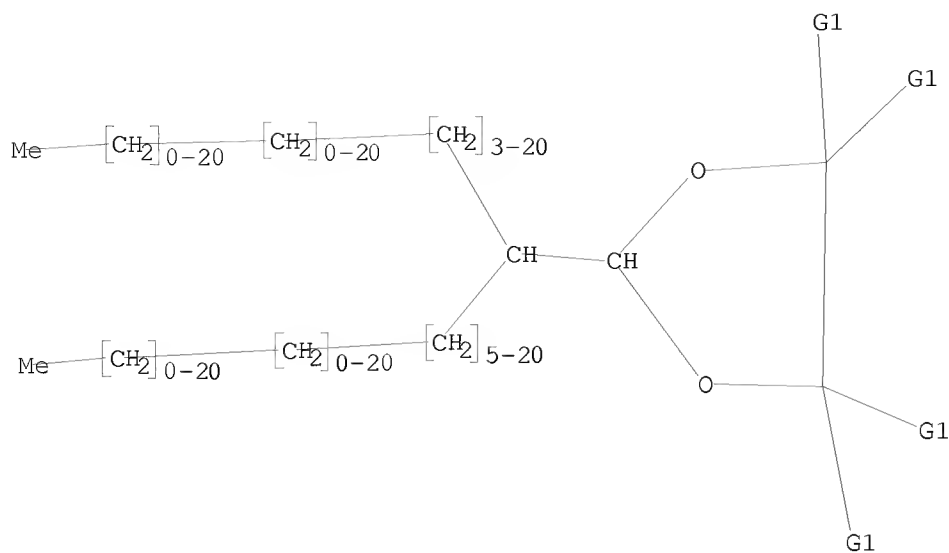
Me $-\left[CH_2\right]_{0-20}$ $\left[CH_2\right]_{0-20}$ $\left[CH_2\right]_{3-20}$ ... CH—CH ... O ... G1, G1, G1, G1

Me $-\left[CH_2\right]_{0-20}$ $\left[CH_2\right]_{0-20}$ $\left[CH_2\right]_{5-20}$

G1 H,Ak

Structure attributes must be viewed using STN Express query preparation.
L3   QUE L2 AND L1

=> s l3
STRUCTURE TOO LARGE - SEARCH ENDED
A structure in your query is too large. You may delete
attributes or atoms to reduce the size of the structure
and try again.

=> file stnguide
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   0.48   0.70

FILE 'STNGUIDE' ENTERED AT 11:11:03 ON 18 SEP 2009
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 11, 2009 (20090911/UP).

=> file reg
COST IN U.S. DOLLARS   SINCE FILE   TOTAL
                                                ENTRY   SESSION
FULL ESTIMATED COST   0.21   0.91

FILE 'REGISTRY' ENTERED AT 11:12:47 ON 18 SEP 2009
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STRUCTURE FILE UPDATES: 16 SEP 2009   HIGHEST RN 1185221-67-3
DICTIONARY FILE UPDATES: 16 SEP 2009   HIGHEST RN 1185221-67-3

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 964 AND 1006 AND 1051

L4   SCREEN CREATED

=>
Uploading H:\STNEXP4\QUERIES\10590603a1.str
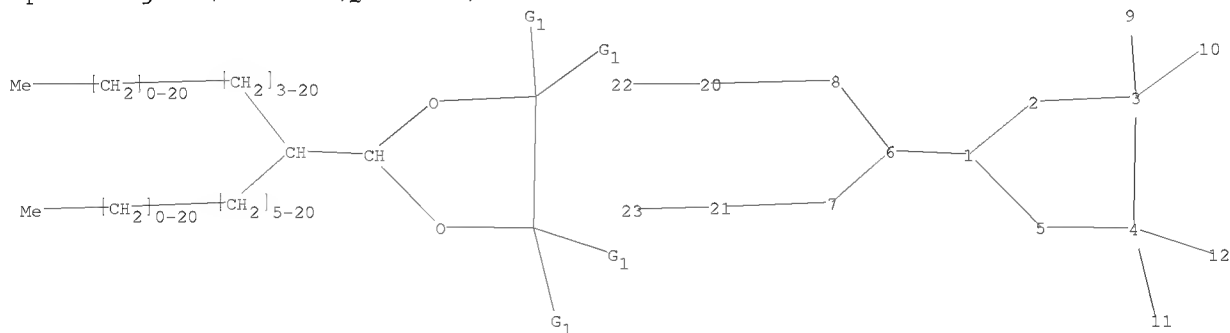
Me—⌈CH₂⌉₀₋₂₀—⌈CH₂⌉₃₋₂₀   G₁   G₁   22——20   8   9
                                                                        10
                          CH——CH   O   2——3
                                                     6——1
Me—⌈CH₂⌉₀₋₂₀—⌈CH₂⌉₅₋₂₀   O   23——21——7   5——4   12
                                   G₁   11
                              G₁

chain nodes :
6 7 8 9 10 11 12 20 21 22 23
ring nodes :
1 2 3 4 5
chain bonds :
1-6 3-9 3-10 4-11 4-12 6-7 6-8 7-21 8-20 20-22 21-23
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
3-9 3-10 4-11 4-12
exact bonds :
1-2 1-5 1-6 2-3 3-4 4-5 6-7 6-8 7-21 8-20 20-22 21-23
isolated ring systems :
containing 1 :

G1:H,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

L5   STRUCTURE UPLOADED

=> que L5 AND L4
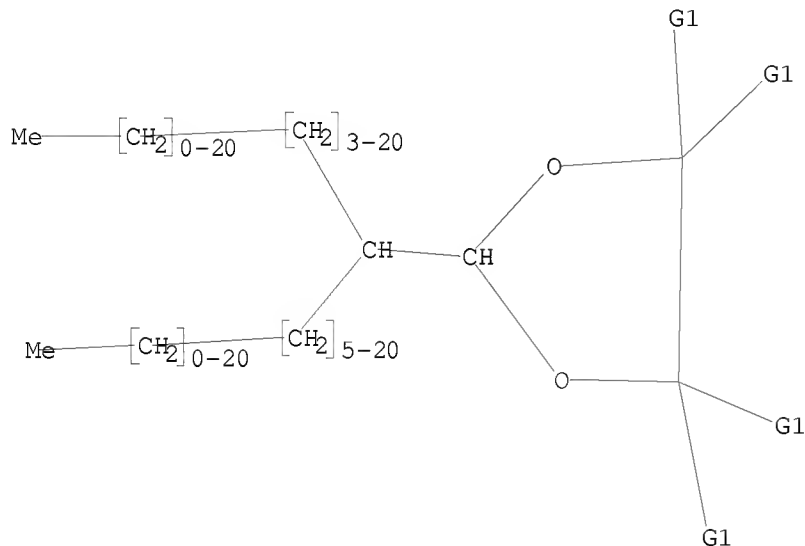
L6   QUE L5 AND L4

=> d
L6 HAS NO ANSWERS
L4   SCR 964 AND 1006 AND 1051
L5   STR

G1 H,Ak

Structure attributes must be viewed using STN Express query preparation.
L6   QUE L5 AND L4

=> s l6
STRUCTURE TOO LARGE - SEARCH ENDED
A structure in your query is too large. You may delete
attributes or atoms to reduce the size of the structure
and try again.

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.48	1.39

FILE 'STNGUIDE' ENTERED AT 11:13:36 ON 18 SEP 2009
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Sep 11, 2009 (20090911/UP).

```
=> file reg
COST IN U.S. DOLLARS                         SINCE FILE      TOTAL
                                               ENTRY        SESSION
FULL ESTIMATED COST                            0.21          1.60
```

FILE 'REGISTRY' ENTERED AT 11:15:21 ON 18 SEP 2009
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STRUCTURE FILE UPDATES: 16 SEP 2009 HIGHEST RN 1185221-67-3
DICTIONARY FILE UPDATES: 16 SEP 2009 HIGHEST RN 1185221-67-3

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   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html
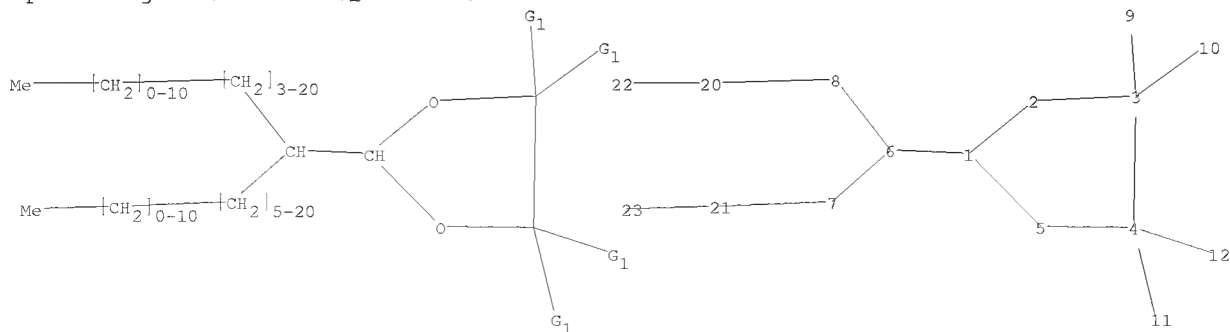
=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 964 AND 1006 AND 1051

L7   SCREEN CREATED

=>
Uploading H:\STNEXP4\QUERIES\10590603a2.str

chain nodes :
6 7 8 9 10 11 12 20 21 22 23
ring nodes :
1 2 3 4 5
chain bonds :
1-6 3-9 3-10 4-11 4-12 6-7 6-8 7-21 8-20 20-22 21-23
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
3-9 3-10 4-11 4-12
exact bonds :
1-2 1-5 1-6 2-3 3-4 4-5 6-7 6-8 7-21 8-20 20-22 21-23
isolated ring systems :
containing 1 :

G1:H,Ak

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS

L8   STRUCTURE UPLOADED

=> que L8 AND L7

L9   QUE L8 AND L7

=> d
L9 HAS NO ANSWERS
L7   SCR 964 AND 1006 AND 1051
L8   STR
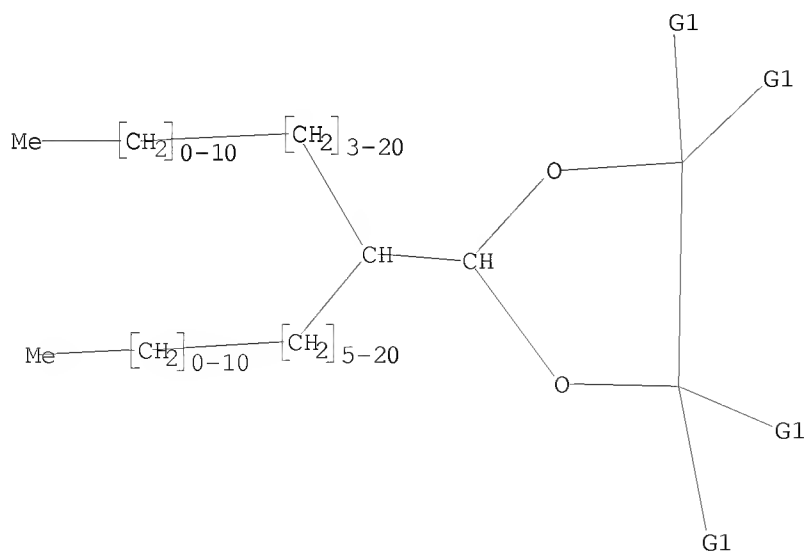
Me———[CH₂]₀₋₁₀ [CH₂]₃₋₂₀

Me———[CH₂]₀₋₁₀ [CH₂]₅₋₂₀

CH—CH

O

O

G1

G1

G1

G1

G1 H,Ak

Structure attributes must be viewed using STN Express query preparation.
L9   QUE   L8 AND L7


=> s l9
SAMPLE SEARCH INITIATED 11:15:49 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   277 TO ITERATE

100.0% PROCESSED   277 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS: 4542 TO   6538
PROJECTED ANSWERS: 0 TO   0

L10   0 SEA SSS SAM L8 AND L7

=> s l9 ful
FULL SEARCH INITIATED 11:16:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   5596 TO ITERATE

100.0% PROCESSED   5596 ITERATIONS   2 ANSWERS
SEARCH TIME: 00.00.02

L11   2 SEA SSS FUL L8 AND L7

=> d scan

L11 2 ANSWERS   REGISTRY COPYRIGHT 2009 ACS on STN
IN   1,3-Dioxolane, 4-decyl-4-octyl-2-(1-octylundecyl)-
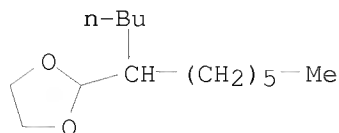MF   C40 H80 O2
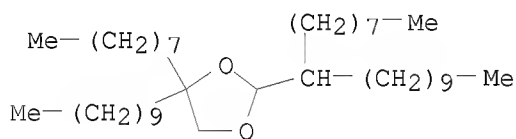
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L11 2 ANSWERS   REGISTRY COPYRIGHT 2009 ACS on STN
IN   1,3-Dioxolane, 2-(1-butylheptyl)-
MF   C14 H28 O2

10/590,603

n-Bu
|
O—CH—(CH$_2$)$_5$—Me
|
O

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	186.36	187.96

=> d his

    (FILE 'HOME' ENTERED AT 11:10:08 ON 18 SEP 2009)

```
      FILE 'REGISTRY' ENTERED AT 11:10:14 ON 18 SEP 2009
L1              SCREEN 964 AND 1006 AND 1051
L2              STRUCTURE UPLOADED
L3              QUE L2 AND L1


      FILE 'STNGUIDE' ENTERED AT 11:11:03 ON 18 SEP 2009


      FILE 'REGISTRY' ENTERED AT 11:12:47 ON 18 SEP 2009
L4              SCREEN 964 AND 1006 AND 1051
L5              STRUCTURE UPLOADED
L6              QUE L5 AND L4


      FILE 'STNGUIDE' ENTERED AT 11:13:36 ON 18 SEP 2009


      FILE 'REGISTRY' ENTERED AT 11:15:21 ON 18 SEP 2009
L7              SCREEN 964 AND 1006 AND 1051
L8              STRUCTURE UPLOADED
L9              QUE L8 AND L7
L10         0 S L9
L11         2 S L9 FUL


      FILE 'CAPLUS' ENTERED AT 11:16:25 ON 18 SEP 2009

=> s l11
L12           1 L11


=> d bib fhitstr


L12   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2009 ACS on STN
AN    2006:269261  CAPLUS
DN    144:312074
TI    Process for preparation of dioxolane derivatives
IN    Sato, Haruhito; Okamoto, Takuji
PA    Idemitsu Kosan Co., Ltd., Japan
SO    PCT Int. Appl., 31 pp.
      CODEN: PIXXD2
DT    Patent
LA    Japanese
FAN.CNT 1
      PATENT NO.            KIND   DATE        APPLICATION NO.         DATE
      ---------------      ----   --------    --------------------   --------
PI    WO 2006030747          A1    20060323    WO 2005-JP16780          20050912
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KM, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG,
             NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
             SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
             ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
             CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
             GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
      JP 2006083087          A     20060330    JP 2004-268465           20040915
      CA 2580393             A1    20060323    CA 2005-2580393          20050912
      EP 1792900             A1    20070606    EP 2005-782031           20050912
         R:  AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
```
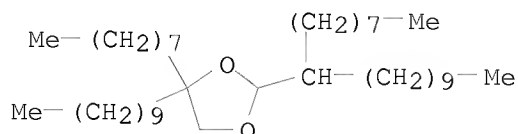
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      US 20080051588     A1    20080228    US 2007-575255          20070314
PRAI  JP 2004-268465     A     20040915
      WO 2005-JP16780    W     20050912
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS    MARPAT 144:312074
IT    880090-83-5P
      RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP
      (Preparation)
         (preparation of dioxolane derivs.)
RN    880090-83-5  CAPLUS
CN    1,3-Dioxolane, 4-decyl-4-octyl-2-(1-octylundecyl)-  (CA INDEX NAME)
```

```
                              (CH2)7 ─ Me
                              |
  Me ─ (CH2)7                 |
            \        O        |
             \      / \      CH ─ (CH2)9 ─ Me
              \    /   \     /
  Me ─ (CH2)9  \  /     \   /
               \ /       \ /
                \         /
                 \       O
```

```
RE.CNT  19     THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> d his

      (FILE 'HOME' ENTERED AT 11:10:08 ON 18 SEP 2009)

      FILE 'REGISTRY' ENTERED AT 11:10:14 ON 18 SEP 2009
L1              SCREEN 964 AND 1006 AND 1051
L2              STRUCTURE UPLOADED
L3              QUE L2 AND L1

      FILE 'STNGUIDE' ENTERED AT 11:11:03 ON 18 SEP 2009

      FILE 'REGISTRY' ENTERED AT 11:12:47 ON 18 SEP 2009
L4              SCREEN 964 AND 1006 AND 1051
L5              STRUCTURE UPLOADED
L6              QUE L5 AND L4

      FILE 'STNGUIDE' ENTERED AT 11:13:36 ON 18 SEP 2009

      FILE 'REGISTRY' ENTERED AT 11:15:21 ON 18 SEP 2009
L7              SCREEN 964 AND 1006 AND 1051
L8              STRUCTURE UPLOADED
L9              QUE L8 AND L7
L10          0 S L9
L11          2 S L9 FUL

      FILE 'CAPLUS' ENTERED AT 11:16:25 ON 18 SEP 2009
L12          1 S L11

=> log y
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                 ENTRY       SESSION
FULL ESTIMATED COST                              4.39        192.35

STN INTERNATIONAL LOGOFF AT 11:17:16 ON 18 SEP 2009
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